



POWER YOUR FUTURE WITH ONGEN

OnGen Updates, Industry News and the Green Recovery

Welcome to OnGen's 12th newsletter. We hope that you are all safe and well. The OnGen team have been busy over the past few months adapting to the home working environment and working on a variety of exciting projects, including further development of the OnGen Expert. Through these unprecedented times, renewables and low carbon technologies have remained a priority as the UK continues to work towards the net-zero target announced last year and climate change is still a looming threat. We hope that a green recovery will allow the UK to re-build the economy sustainably. With new government grants available it is a great time to consider installing onsite renewables and other energy efficiency interventions to deliver long-term energy cost savings and lower carbon emissions.

Welcoming Air Source Heat

We are excited to share the new additions to the OnGen Expert since our last newsletter. Firstly, after collaborating with Building Research Solutions, air source heat pump (ASHP) has been added as a new technology that can be assessed. The ASHP is a popular renewable heating technology that is efficient at producing space heating and hot water even when outside air temperatures are as low as -15°C. This technology's relatively low price, simple installation and government support via the renewable heat incentive, make this technology a viable option at many sites. The ASHP assessment will accurately indicate if air source heat would be practically and financially feasible, using current UK government planning regulations, local average temperature data and up to date cost analysis.

In addition to the inclusion of ASHP, the OnGen Expert carbon saving calculations reflect the latest carbon intensity (gCO2/kWh) factors from a grid-supplied electricity and to calculate an even more accurate carbon saving over 20 years for each technology.



Our Free Guide to Renewables

If your organisation is interested in considering onsite renewable energy, our new free guide will help you understand all your options to help make an informed decision towards your sustainable future.



Our guide to renewables explains in detail each of the available onsite renewable options, including the pros and cons of each technology, along with discussing the financial options and opportunities to be able to affordably install a technology onsite.

Click [here](#) for access to our guide to renewables.

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The Launch of Our New Online Tool - OnEfficiency

OnGen's latest venture is the launch of OnEfficiency. This online tool can be used to plan energy performance improvements, making your organisation even more energy efficient. The software analyses data from the site's Energy Performance Certificate (EPC) to plan the energy efficiency options that achieve the greatest reduction in energy consumption and highest cost savings. OnEfficiency can manage a large portfolio of sites and the results are formatted as a professional report which contains improvement recommendations, energy cost savings, the cost of these measures and their impact on the EPC rating.

OnEfficiency is ideal for organisations which are wanting to start their journey of becoming more energy efficient. If you think this software is a good fit for your organisation, contact us today for a free software demo at sales@ongen.co.uk.



New Customers

We are delighted to welcome new and valued customers to the expanding OnGen client base. Our range of private and public sector companies now includes: Amber Energy, North East Yorkshire Humberside Energy Hub, Brook Green Supply, ESB Energy and the Ministry of Justice.



Please contact sales@ongen.co.uk for any enquiries.



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The UK's Plan for a Green Recovery

The COVID-19 pandemic has greatly impacted our economy, leaving the UK in another recession, with inflation rising and unemployment skyrocketing. The UK needs innovative ideas more than ever, which is why it is the perfect time to rebuild our economy with a Green Recovery. It is expected that new eco-friendly funding, such as the retrofit Green Home Grant and the Public Sector Decarbonisation Scheme, could create over 130,000 jobs while also working towards the UK's net-zero 2050 target. With so many funding opportunities, now is a great time to invest in renewable generation.

However, a Green Recovery would be capable of achieving a lot more with additional governmental support, such as extra government funding for solar and wind installations, along with industry bailouts tied to carbon reduction targets. It is hoped that more funds and projects will be later announced in Rishi Sunak's autumn statement to help the UK build up the economy in an environmentally sustainable way.

Goodbye RHI, Hello Clean Heat Grant

The Renewable Heat Incentive (RHI) domestic and non-domestic scheme will soon be coming to an end, with the application deadline on the 30th of March 2021 (non-domestic properties) and 30th of March 2022 (domestic properties). As a result of COVID-19 related delays, some projects will also be allowed a six-month extension.

However, decarbonising heat remains a priority and therefore the RHI funding will be replaced by the Clean Heat Grant in 2022. The Clean Heat Grant will provide up to £4,000 of funding towards biomass boilers and heat pumps in domestic and non-domestic properties. There will also be a Green Gas Support Scheme to support biomethane production. While the Clean Heat Grant may not cover the full installation cost, when paired with heating cost savings, it will result in these technologies being profitable long-term.

The Clean Heat Grant will be given out on a first-come, first-served basis, so if you are interested in finding out the potential of a heat pump or biomass boiler, contact OnGen today. The OnGen Expert software can assess the feasibility of these heating technologies at your site.

OnGen Diversity in the Workplace

Over the past few months, we've been having discussions about the Black Lives Matter movement and our role in diversity and inclusion. As the energy sector is one of the least diverse sectors in the UK, we have been coming up with ways to make a difference both within our organisation and in the wider sector. Stay tuned for a blog post outlining our findings and plans for facilitating a more diverse future. We welcome discussions in this area and look forward to learning and growing together as an industry and wider community.



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Virtual Events

OnGen have had a busy schedule, with different virtual events and awards over the past few months. We were honoured to have had Izzy representing OnGen at the EIE20 Conference as one of the 50 high-growth potential start-ups that were selected to be part of this year's cohort. The conference took place virtually on the 14th of October 2020 where Izzy pitched OnGen to UK and international investors.

Furthermore, we have attended various virtual conferences including CBI's Achieving Net Zero Conference, the Heat and Decentralised Energy Conference, Edie's Net-Zero Week and the Scottish Government's Climate Week.

We were also selected to be part of the Royal Bank of Scotland's Entrepreneur Accelerator cohort 2020. This program has been beneficial for receiving high-quality training, advice, and networking opportunities.



OnGen's virtual booth at EIE2020.





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How Has COVID-19 Affected the Renewable Market?

The UK renewable energy market is continuing to prosper over 2020, as electricity demand dropped and record levels of solar power generation in May and wind power generation in August were reached. BEIS has also reported that over the second quarter of 2020, there was a 5.4% increase in the percentage of renewable energy contributing to the UK's electricity output when compared to the previous year. The installation of solar PV, biomass, onshore and offshore wind in the UK have also increased during the second quarter of 2020 when compared to the previous year. S&P Global Platts Analytics predicts that global solar farm installations are expected to drop by 10% in 2020 when compared to recent years while, wind installation will increase by over 10%.

Investment into renewables remains at a high, with PwC reporting that climate technology investment is growing five times faster than the average sector. IRENA suggest that the renewables market share has also increased, while oil, natural gas and coal have all declined. As the installation of renewables is considered a viable way to rebuild the economy and reach net zero, the industry is expected to leave the pandemic in a strong position.

The Perfect Time for a Net-Zero Pledge

Climate change has not completely fallen off the radar during the past few months and, if anything, is more prominent in society than ever. According to a report by the NewClimate Institute and Data-Driven Environ Lab, the number of global net-zero pledges has more than doubled within the last year, with over 1,500 companies announcing a net-zero target. Organisations are now in a race to meet their net-zero objective, with companies such as Amazon and the University of Exeter setting a 2040 goal, while PwC and ITV have a more ambitious 2030 target. There are pledges across a variety of sectors from aviation (British Airways), manufacturing (Rolls-Royce), local councils (Edinburgh City Council) and even alcoholic beverages (Brewdog).

Now that we are all stuck working at home, it is the ideal time for your organisation to consider a net-zero pledge. By using the OnGen Expert, you could easily conduct a desk-based onsite renewable feasibility assessment across your portfolio of sites. The, once society begins to fully open again, you would be ready to go ahead with the deployment of the suitable technologies.

OnGen Available Through G-Cloud 12

For the 4th consecutive year, the OnGen Expert is available to licence through the Crown Commercial Service's procurement framework, G-Cloud 12, and, for the first time, OnGen's Managed Service is also available through this framework. In addition, OnGen's new energy efficiency option appraisal tool, OnEfficiency, is available through G-Cloud 12. OnGen's services are ideal for organisations looking to make the most of available funding through the Public Sector Low Carbon Skills Fund. To discuss how OnGen can help your organisation please contact sales@ongen.co.uk.

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Awards

BusinessGreen Leaders Awards 2020

OnGen are ecstatic to announce that we have been Highly Commended for the Innovation of the Year Award at the BusinessGreen Leaders Awards 2020. We are delighted to have been recognised alongside so many other cutting-edge products and services.

We are also excited to have been shortlisted for the Special Award for Contribution to Net Zero Carbon as part of the Decentralised Energy Awards 2020. The award ceremony is planned to take place in early 2021 and we hope to attend this event in person if government guidelines allow for it.



Industry News and Blog Posts

You can keep up to date with the latest UK renewable energy news each week by looking at our [industry news](#) webpage on the OnGen website. We also have [monthly blog posts](#) that relate to different topics within the energy sector such as how and why to measure your organisation's greenhouse gas emissions.

Social Media

Follow our social media to be updated with the latest industry and OnGen news.



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